

IN THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the instant application. The present status of each claim is indicated in parentheses following the claim number. An instruction line precedes each claim that is amended, cancelled, or added by the instant paper.

1. (CANCELLED)

Please **cancel** claims 2-7 without prejudice.

2-7 (CANCELLED)

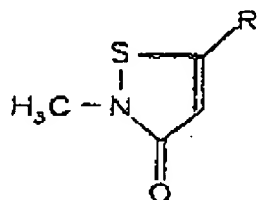
Please **add** claim 8 as follows:

8. (NEW) An antibacterial composition comprising:

3-isothiazolone having the following General Formula

1:

General Formula 1

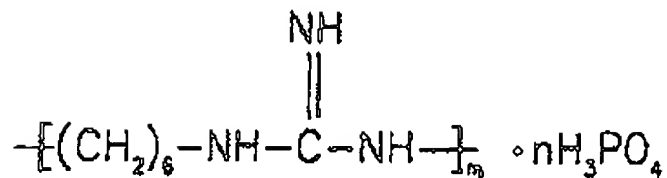


wherein R is hydrogen or chlorine; and

polyhexamethyleneguanidine phosphate having the

following General Formula 2:

General Formula 2



wherein m is an integer from 4 to 7, n is an integer from 1 to 14, and the weight ratio of 3-isothiazolone to polyhexamethyleneguanidine phosphate is from 1:1 to 1:65.

Please **add** claim 9 as follows:

9. (NEW) The antibacterial composition of claim 8, wherein the 3-isothiazolone is a mixture in which 3-isothiazolone having R of hydrogen and 3-isothiazolone having R of chlorine are mixed in a weight ratio of 1:20 to 20:1 and the mixing ratio of 3-isothiazolone and polyhexamethyleneguanidine phosphate is from 1:1 to 1:4.

Please **add** claim 10 as follows:

10. (NEW) The antibacterial composition of claim 8, further comprising a media selected from the group consisting of cooling water for an industrial process, disinfectant, paint, antiseptic for latex, additives for cosmetics, additives for emulsion products, slime control chemicals for textile weaving, paper slime control agent, antiseptic for leather goods, and antiseptic for metal processing oil.

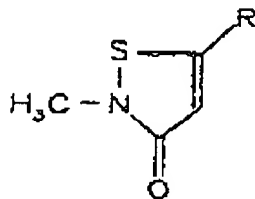
Please **add** claim 11 as follows:

11. (NEW) A sterilizing method for killing bacteria, wherein said method comprises the step of applying an antibacterial composition into the area that is contaminated by bacteria, wherein said antibacterial composition comprises:

3-isothiazolone having the following General Formula

1:

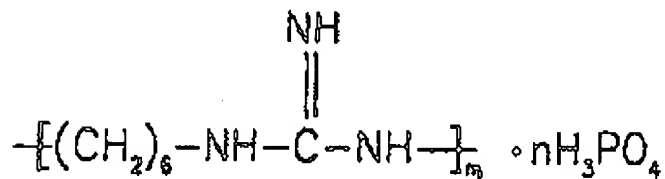
General Formula 1



wherein R is hydrogen or chlorine; and

polyhexamethyleneguanidine phosphate having the  
following General Formula 2:

General Formula 2



wherein m is an integer from 4 to 7 and n is an  
integer from 1 to 14.

Please **add** claim 12 as follows:

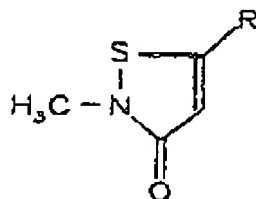
12. (NEW) A sterilizing method for restraining the growth of bacteria, wherein said method comprises the step of applying an antibacterial composition into the area

that is contaminated by bacteria, wherein said  
antibacterial composition comprises:

3-isothiazolone having the following General Formula

1:

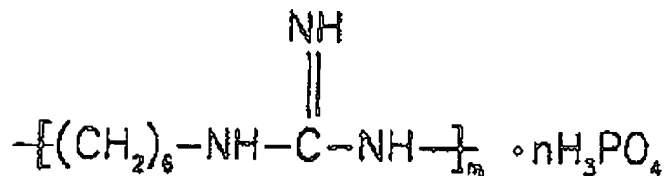
General Formula 1



wherein R is hydrogen or chlorine; and

polyhexamethyleneguanidine phosphate having the  
following General Formula 2:

General Formula 2



wherein m is an integer from 4 to 7 and n is an  
integer from 1 to 14.

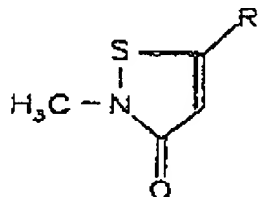
Please **add** claim 13 as follows:

13. (NEW) An antifungal composition comprising:

3-isothiazolone having the following General Formula

1:

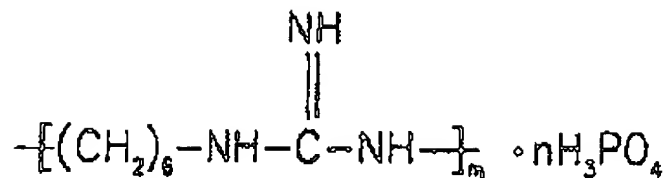
General Formula 1



wherein R is hydrogen or chlorine; and

polyhexamethyleneguanidine phosphate having the  
following General Formula 2:

General Formula 2



wherein m is an integer from 4 to 7, n is an integer from 1 to 14, and the weight ratio of 3-isothiazolone to polyhexamethyleneguanidine phosphate is from 1:1 to 1:65.

Please **add** claim 14 as follows:

14. (NEW) The antifungal composition of claim 13, wherein the 3-isothiazolone is a mixture in which 3-isothiazolone having R of hydrogen and 3-isothiazolone having R of chlorine are mixed in a weight ratio of 1:20 to 20:1 and the mixing ratio of 3-isothiazolone and polyhexamethyleneguanidine phosphate is from 1:1 to 1:4.

Please **add** claim 15 as follows:



15. (NEW) The antifungal composition of claim 13, further comprising a media selected from the group consisting of cooling water for an industrial process, disinfectant, paint, antiseptic for latex, additives for cosmetics, additives for emulsion products, slime control chemicals for textile weaving, paper slime control agent, antiseptic for leather goods, and antiseptic for metal processing oil.

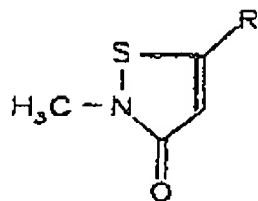
Please add claim 16 as follows:

16. (NEW) A sterilizing method for killing fungi, wherein said method comprises the step of applying an antifungal composition into the area that is contaminated by a fungus, wherein said antifungal composition comprises:

3-isothiazolone having the following General Formula

1:

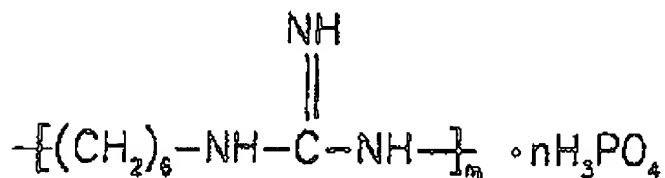
General Formula 1



wherein R is hydrogen or chlorine; and

polyhexamethyleneguanidine phosphate having the  
following General Formula 2:

General Formula 2



wherein m is an integer from 4 to 7 and n is an  
integer from 1 to 14.

Please **add** claim 17 as follows:

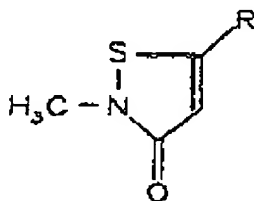
17. (NEW) A sterilizing method for restraining the growth of fungi, wherein said method comprises the step of applying an antifungal composition into the area that

is contaminated by a fungus, wherein said antifungal composition comprises:

3-isothiazolone having the following General Formula

1:

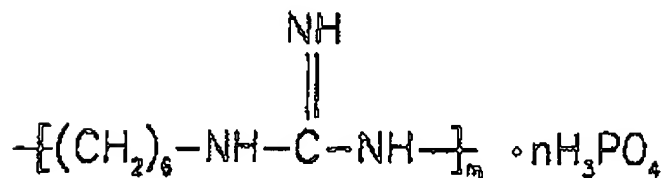
General Formula 1



wherein R is hydrogen or chlorine; and

polyhexamethyleneguanidine phosphate having the following General Formula 2:

General Formula 2



wherein m is an integer from 4 to 7 and n is an integer from 1 to 14.

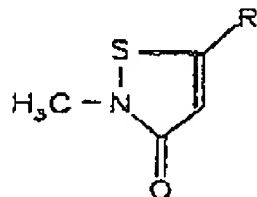
Please **add** claim 18 as follows:

18. (NEW) An antialgal composition comprising:

3-isothiazolone having the following General Formula

1:

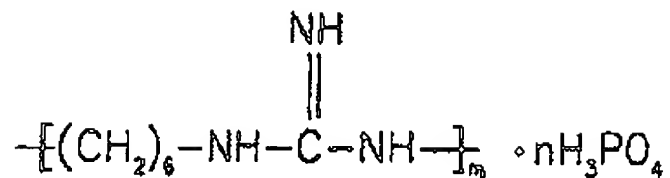
General Formula 1



wherein R is hydrogen or chlorine; and

polyhexamethyleneguanidine phosphate having the  
following General Formula 2:

General Formula 2



wherein m is an integer from 4 to 7, n is an integer from 1 to 14, and the weight ratio of 3-isothiazolone to polyhexamethyleneguanidine phosphate is from 1:1 to 1:65.

Please **add** claim 19 as follows:

19. (NEW) The antialgal composition of claim 18, wherein the 3-isothiazolone is a mixture in which 3-isothiazolone having R of hydrogen and 3-isothiazolone having R of chlorine are mixed in a weight ratio of 1:20 to 20:1 and the mixing ratio of 3-isothiazolone and polyhexamethyleneguanidine phosphate is from 1:1 to 1:4.

Please **add** claim 20 as follows:

20. (NEW) The antialgal composition of claim 18, further comprising a media selected from the group consisting of cooling water for an industrial process, disinfectant, paint, antiseptic for latex, additives for cosmetics, additives for emulsion products, slime control chemicals for textile weaving, paper slime control agent, antiseptic for leather goods, and antiseptic for metal processing oil.

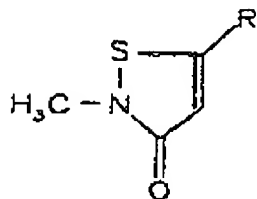
Please **add** claim 21 as follows:

21. (NEW) A sterilizing method for killing fungi, wherein said method comprises the step of applying an antialgal composition into the area that is contaminated by algae, wherein said antialgal composition comprises:

3-isothiazolone having the following General Formula

1:

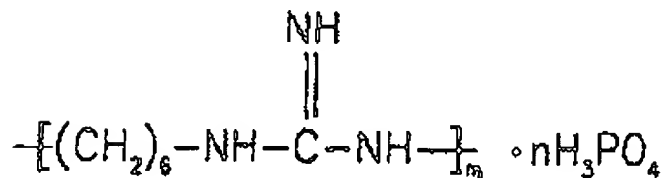
General Formula 1



wherein R is hydrogen or chlorine; and

polyhexamethyleneguanidine phosphate having the  
following General Formula 2:

General Formula 2



wherein m is an integer from 4 to 7 and n is an  
integer from 1 to 14.

Please **add** claim 22 as follows:

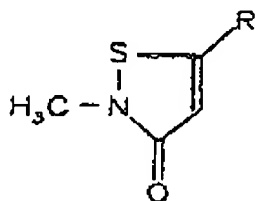
22. (NEW) A sterilizing method for restraining the growth of algae, wherein said method comprises the step of applying an antialgal composition into the area that

is contaminated by algae, wherein said antialgal  
composition comprises:

3-isothiazolone having the following General Formula

1:

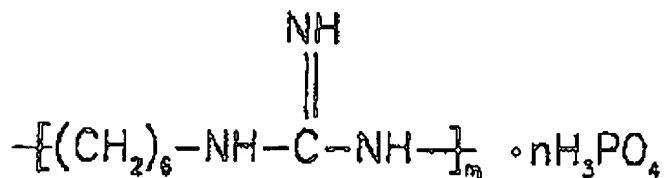
General Formula 1



wherein R is hydrogen or chlorine; and

polyhexamethyleneguanidine phosphate having the  
following General Formula 2:

General Formula 2



wherein m is an integer from 4 to 7 and n is an  
integer from 1 to 14.